

CLAIMS

1. A roll paper cutter, for cutting roll paper which is fed out from a roll of paper so that it can be separated from an outer circumference of the roll of paper, comprising:

a rail extending in the longitudinal direction of the rail perpendicular to the roll paper feeding direction; a stationary knife fixed at and supported by a carriage moving along the rail in the longitudinal direction of the rail; and a rotary knife pivotally supported by the carriage and rotated by coming into contact with the stationary knife when the carriage is moved,

wherein when the carriage is moved in the longitudinal direction of the rail, a cutting edge intersection formed by the rotary knife, which is rotated by the movement of the carriage, and also formed by the stationary knife crosses and cuts the roll paper in the width direction.

2. A roll paper cutter according to claim 1, wherein the position of the cutting edge intersection formed by the rotary knife and the stationary knife fluctuates.

3. A roll paper cutter according to claim 2, wherein the profile of the rotary knife is formed into a real circle, and the rotational center of the rotary knife is offset from the figure center so that the position of the cutting edge intersection can be made to fluctuate.

4. A roll paper cutter according to claim 2, wherein the center of the cutting edge intersection is made to fluctuate when a rotary knife, the profile of which is not a real circle, is rotated.

5. A roll paper cutter according to claim 4, wherein the profile of the rotary knife is elliptical.

6. A roll paper cutter according to claim 4, wherein the profile of the rotary knife is formed into a

polygon, the number of sides of which is n ($n > 3$).

7. A roll paper cutter according to claim 1,
wherein the stationary knife has a guide section for
guiding an edge of the width direction of the roll paper
to the cutting edge intersection.

8. A roll paper cutter according to claim 7,
wherein the guide section between the roll paper and the
stationary knife is arranged on the same side in the
thickness direction of the rail.

9. A roll paper cutter according to claim 1,
wherein the cutting edge intersection for cutting the
roll paper is arranged closer to the roll of paper than
the rail.

10. A roll paper cutter according to claim 1,
wherein the rotary knife is attached to a shaft of the
guide roller traveling on the rail face.

11. A roll paper cutter according to claim 1,
wherein the carriage is moved by a screw shaft rotated by
a motor.

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